



Substance

Beilstein Registry Number	7031474
Chemical Name	propionic acid 1-[4-(1-propyl-pent-1-enyl)-phenyl]-ethyl ester
Autoname	propionic acid 1-[4-(1-propyl-pent-1-enyl)-phenyl]-ethyl ester
Molecular Formula	C ₁₉ H ₂₈ O ₂
Molecular Weight	288.43
Lawson Number	5392, 1164
Structure Keyword	Stereo compound
Compound Type	isocyclic
Constitution ID	6051614
Tautomer ID	6664805
Beilstein Reference	6-06
Entry Date	1995/05/11
Update Date	1996/02/02

Reaction

Reaction ID	<u>3956439</u>
Reactant BRN	<u>1732138</u> oct-4-yne
	<u>7022857</u> propionic acid 1-(4-iodo-phenyl)-ethyl ester
Product BRN	7031474 propionic acid 1-[4-(1-propyl-pent-1-enyl)-phenyl]-ethyl ester
No. of Reaction Details	1
Reaction Classification	Preparation
Reagent	1.) ZnI ₂ , LiH
Catalyst	1.) Pd(PPh ₃) ₄
Other Conditions	1.) THF, room temp.

Note 1 Yield given. Multistep reaction

Ref. 1 5931653; Journal; Gao, Yuan; Harada, Kousuke; Hata, Takeshi; Urabe, Hirokazu; Sato, Fumie;

JOCEAH; J.Org.Chem.; EN; 60; 2; 1995; 290-291;